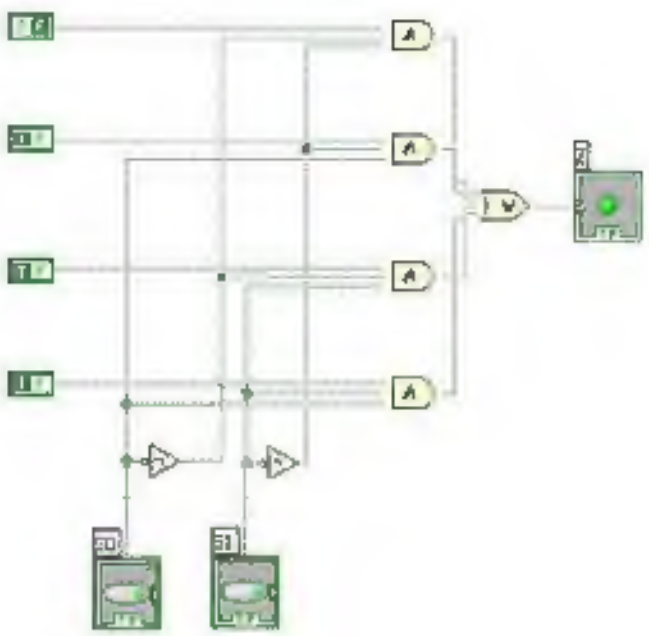
Progettare un OR usando un multiplexer.

S_0	S_1	Y_{OR}	Z

0	0	0	I_0
0	1	1	I_1
1	0	1	I_2
1	1	1	I_3



$z = /S_0 /S_1 I_0 + /S_0 S_1 I_1 + S_0 /S_1 I_2 + S_0 S_1 I_3$